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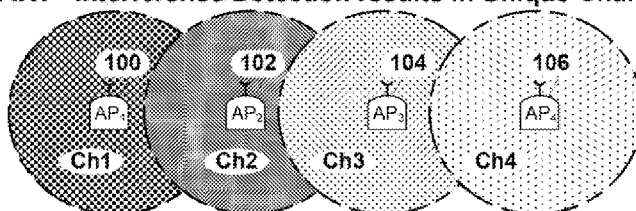
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FIG. 1

PRIOR ART Interference Detection results in Unique Channels



(57) Abstract: A geolocation utilization manager for managing wireless local area networks (WLAN) each supporting wireless communications between an associated access point node and associated station nodes on a corresponding one of a plurality of communication channels. The geolocation utilization manager for aggregating channel utilization information from the WLANs, and consolidating channel usage between neighboring underutilized ones of the WLANs » thereby maximizing utilization of a shared channel between neighboring underutilized ones of the WLANs. Whereby underutilized neighboring WLANs otherwise utilizing unique channels instead share a single channel, thereby freeing up other communication channels across an available WiFi, IEEE 802.11 or other such spectrum.

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A. CLASSIFICATION OF SUBJECT MATTER IPC: H04W 72/04(2009.01),84/02(2009.01) USPC: 370/338 According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 370/338 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
Y	US 2011/0116458 A1 (HSU ET AL) 19 May 2011 (19.05.2011)	1-27		
Y	US 2008/0181173 A1 (WEI) 31 July 2008 (31.07.2008)	1-27		
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☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.				
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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201		Authorized officer Chris Grant Telephone No. 571-272-4147		

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